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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/814,050      | 03/22/2001  | Hisashi Ohki         | 1614.1149           | 2534             |

21171 7590 05/03/2007  
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| EXAMINER |
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NGUYEN, JENNIFER T

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| ART UNIT | PAPER NUMBER |
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2629

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05/03/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

|                              |                                       |                                    |  |
|------------------------------|---------------------------------------|------------------------------------|--|
| <b>Office Action Summary</b> | <b>Application No.</b><br>09/814,050  | <b>Applicant(s)</b><br>OHKI ET AL. |  |
|                              | <b>Examiner</b><br>Jennifer T. Nguyen | <b>Art Unit</b><br>2629            |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 28 March 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 5,6,16,25,26,36,47,51 and 83-91 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 5,6,16,25,26,36,47,51 and 83-91 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. This Office action is responsive to Request for Continued Examination filed on 3/28/07.

#### *Claim Rejections - 35 USC § 103*

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 5, 6, 16, 25, 26, 36, 47, 51, and 83-91 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kitazawa et al. (Japan Patent No.: 09-026832) in view of Jahagirdar et al. (Patent No.: US 6,125,286).

Regarding claims 5, 25, and 47, referring to Figs. 1-3, Kitazawa teaches a status display control unit (11) for displaying status information of an electronic equipment which includes a lid member (3), a main display (10) section and an auxiliary display section (20), the main display section (10) being provided at a position of the lid member so that the main display section is only visible in an open state of the lid member, the auxiliary display section (20) being visible in a state in which the lid member is in the closed position and being visible together with the main display section (10) in a state which the lid member is in the open state (figs. 1 and 2) [0014];

a controller (11), operating on an operating system that operates in a normal state of the electronic equipment [0017].

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Kitazawa differs from claims 5, 25, and 47 in that he does not specifically teach configuring to display a communication connection status of the electronic equipment in the auxiliary display section.

Jahagirdar teaches a controller (504), operating on an operating system that operates in a normal state of the electronic equipment, configured to display a communication connection status of the electronic equipment in the auxiliary display section (col. 5, lines 54-65, col. 6, lines 65-67). Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the configuring to display a communication connection status of the electronic equipment in the auxiliary display section as taught by Jahagirdar in the system of Kitazawa in order to allow user to view a communication connection status easily and provide to the user a multi-functional device.

Regarding claims 6, 26, and 83, the combination of Kitazawa and Jahagirdar teaches the communication status includes at least one of a state during dial-up, a state during authentication of connection, a state during connection, a state during re-dial standby, a net communication time, a state during checking of electronic mail, a state during reception of electronic mail, and an abnormal state (col. 5, lines 54-65 and col. 6, lines 65-67 of Jahagirdar).

Regarding claims 16, 36, 51, and 84-86, the combination of Kitazawa and Jahagirdar teaches the electronic equipment, configured to display communication time and communication cost of the electronic equipment in the auxiliary display section (col. 6, line 65 to col. 7, line 2 of Jahagirdar).

Regarding claim 87, Kitazawa further teaches the lid member is connected to a first end of a main body of the electronic equipment via a hinge to move, freely, to an open state and to a closed state (figs. 1 and 2); and

The auxiliary display section (20) is provided at a second end of the main body, confronting the first end of the main body (figs. 1 and 2).

Regarding claim 88, the combination of Kitazawa and Jahagirdar teaches the main body (112, fig. 1 of Jahagirdar) has a top surface confronting the lid member (114) in the closed state and a bottom surface confronting the top surface; and

the auxiliary display section (130) is provided on a side surface of the main body, extending between the top surface and the bottom surface (col. 8, lines 5-12 of Jahagirdar).

Regarding claim 89, the combination of Kitazawa and Jahagirdar teaches a keyboard provided on the top surface of the main body (fig. 1 of Jahagirdar).

Regarding claim 90, further Kitazawa teaches the main body (4) (figs. 1 and 2) has a top surface confronting the lid member (3) in the closed state and a bottom surface confronting the top surface; and

the auxiliary display section (20) is provided in a region of the top surface of the main body so as not to overlap the lid member when in the closed state (figs. 1 and 2).

Regarding claim 91, further Kitazawa teaches a keyboard (5) is provided in a region, on the top surface of the main body, that is covered by the lid member in the state in which the lid member is in the closed position (figs. 1 and 2).

4. Applicant's arguments with respect to claims 5, 6, 16, 25, 26, 36, 47, 51, and 83-86 have been considered but are moot in view of the new ground(s) of rejection.


***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jennifer T. Nguyen whose telephone number is 571-272-7696. The examiner can normally be reached on Mon-Fri: 9:00am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard A. Hjerpe can be reached on 571-272-7691. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jennifer Nguyen  
4/27/07



RICHARD HJERPE  
SUPERVISORY PATENT EXAMINER  
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